

FIG. 1

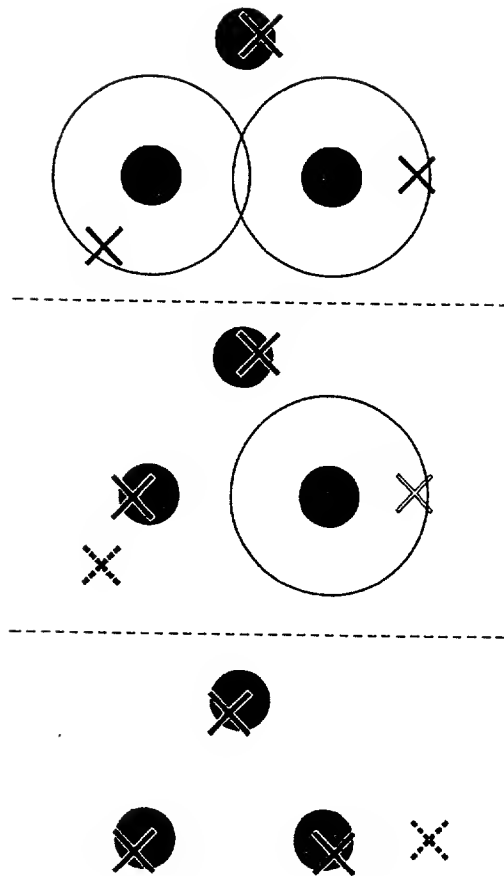


FIG. 2

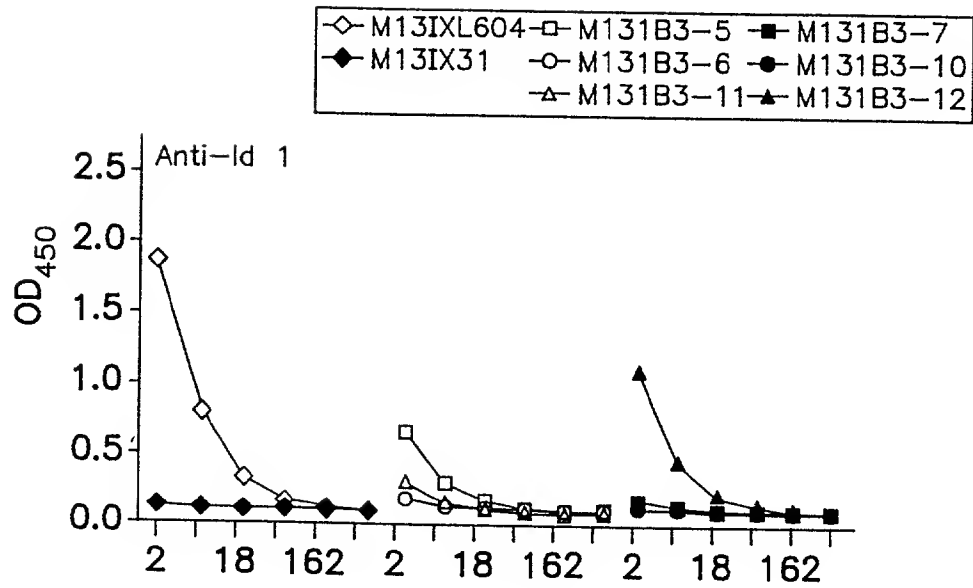


FIG. 3A

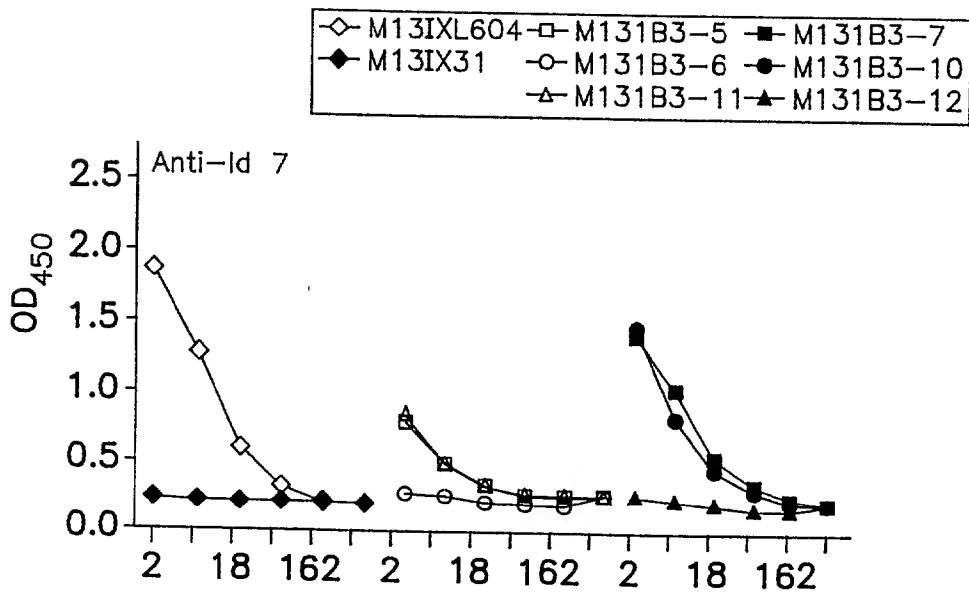


FIG. 3B

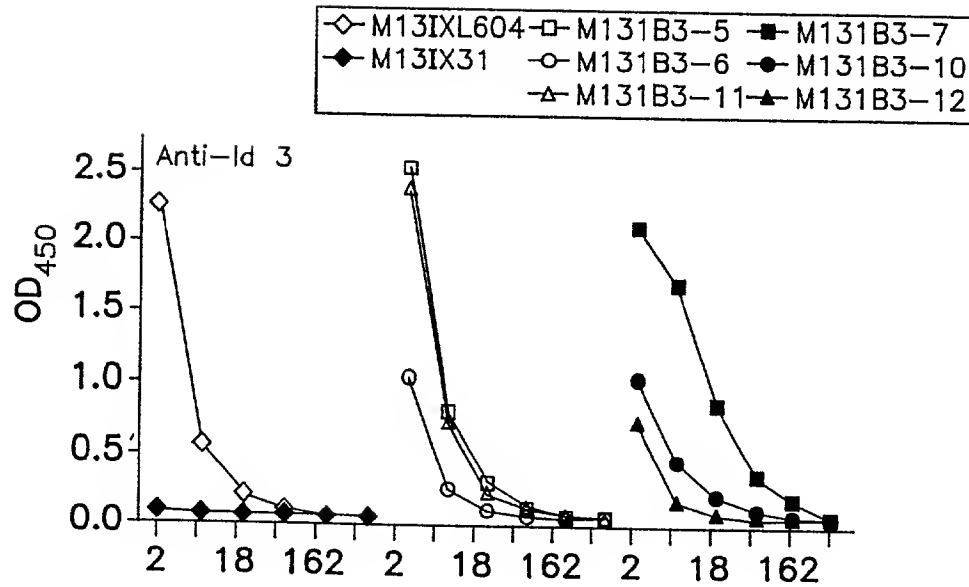


FIG. 3C

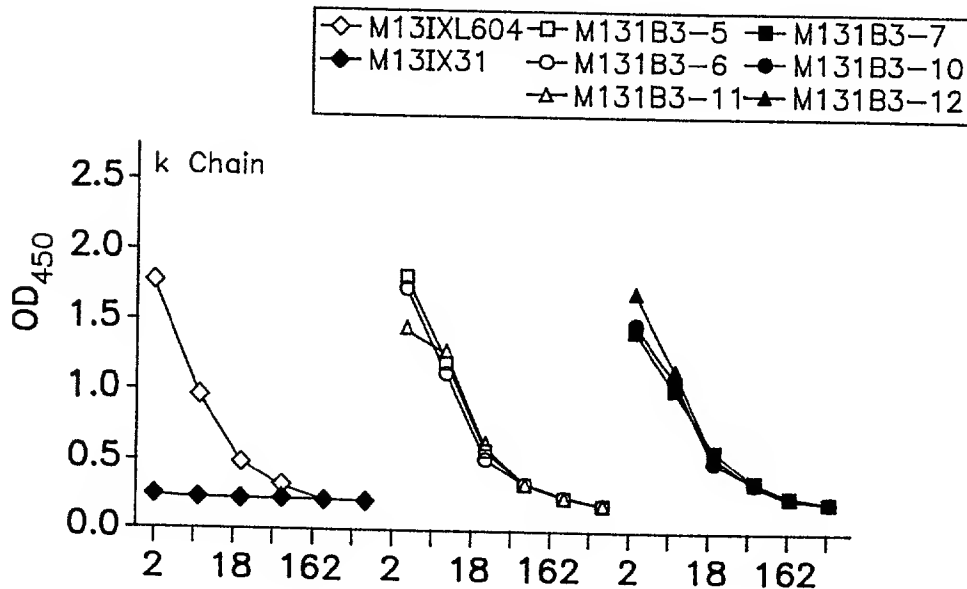


FIG. 3D

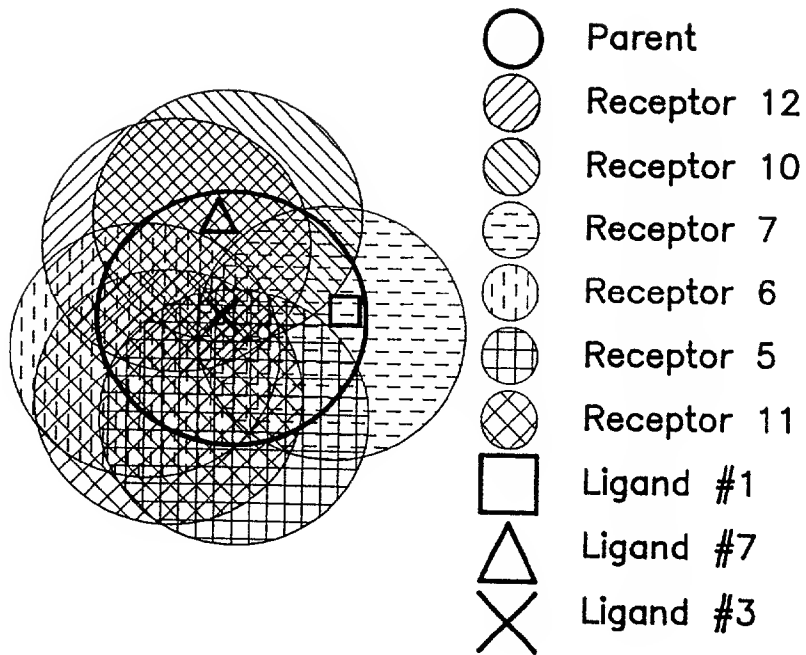
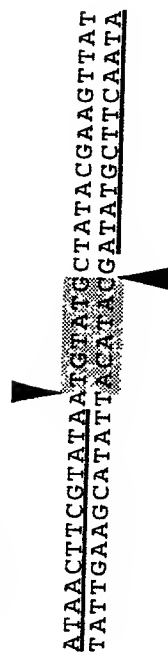
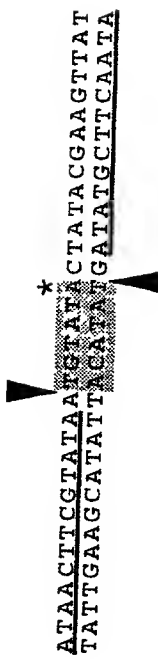


FIG. 4

A. loxP



B. lox511



C. Cre-mediated double crossover

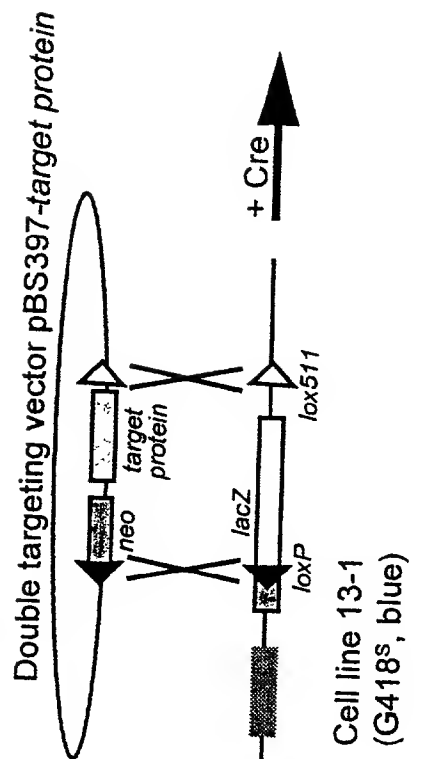


FIGURE 5

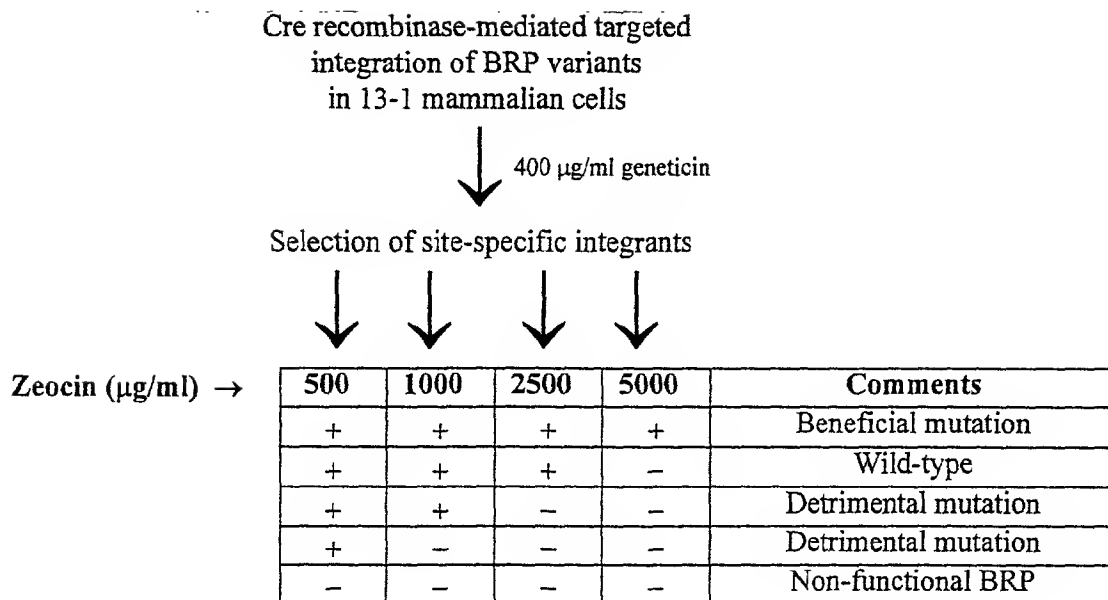


FIGURE 7

EDDIIIATKNGKVRGMNLTVFGGTVTAFLGIPYAQPPLGRLRFKKPQSLTK
WSDIWNATKYANSCCQNIDQSFPGFHGSEMWNPNTDLSEDCLYLNWVIPAP
KPKNATVLIWIYGGGFQTGTSSSLHVDGKFLARVERVIVVSMNYRVGALGF
LALPGNPEAPGNMGLFDQQLALQWVQKNIAAFGGNPKSVTLFGESAGAASV
SLHLLSPGSHSLFTRAILQSGSFNAPWAVTSLYEARNRTLNLAKLTGCSRE
NETEIIKCLRNKDPQEILLNEAFVVPYGTPLSVNFGPTVDGDFLTDMPDIL
LELGQFKKTQILVGVNKDEGTAFLVYGAPGFSKDNNSIITRKEFQEGLKIF
FPGVSEFGKESILFHYTDWVDDQRPENYREALGDVVGDYNFICPALEFTKK
FSEWGNNAFFYYFEHRSSKLPWPEWMGVMHGYEIEFVFGLPLERRDNYTKA
EEILSR SIVKRWANFAKYGNPNETQNNSTSWPVFKSTEQKYLTNTESTRI
MTKLRAQQCRFWTSFFPKVLEMTGNIDEAEWEWKAGFHRWNNYMMDWKNQF
NDYTSKKESCVGL

FIGURE 8